

Converting Colors

CIELCh(76, 5.885, 52.751)

Have a look what the booklet for
CIELCh(76, 5.885, 52.751) contains.

CIELCh(76, 5.885, 52.751)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 5.885, 52.751)

Conversions

Conversions Part 1

Format	Color
Hex	C6B9B3
RGB	198, 185, 179
RGB Percent	78%, 73%, 70%
CMY	0.2240, 0.2750, 0.2985
CMYK	0.00, 0.07, 0.10, 0.22
HSL	19°, 14%, 74%
HSV	19°, 10%, 78%
XYZ	48.7056, 49.8872, 49.6469
YIQ	188.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

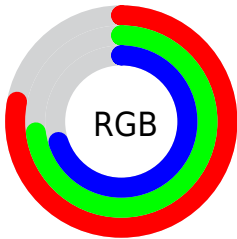
Format	Color
R _Y B	198, 188, 179
Decimal	13023667
CIE Lab	76.00, 3.56, 4.68
CIE LCh	76, 5.885, 52.751
Yxy	49.8872, 0.3286, 0.3365
Android (android.graphics.Color)	4291213747 (0xFFC6B9B3)
YUV	188.2030, -4.5371, 8.5920
Hunter-Lab	70.6309, -0.5142, 7.7663

Details

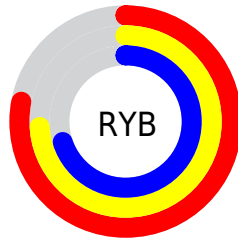
The CIELCh color $76, 5.885, 52.751$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 5.601, 234.411$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.882, 50.939$, and $56, 5.962, 54.685$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.467, 52.149$, and if you desaturate by 10%, it is $80, 0.241, 235.621$.

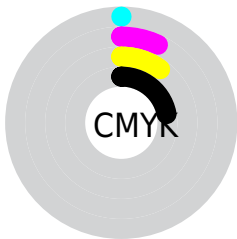
Distribution



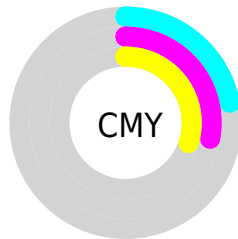
- Red (78%)
- Green (73%)
- Blue (70%)



- Red (78%)
- Yellow (74%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.885, 52.751 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 76, 5.885, 52.751 by changing the saturation by 10% instead.

 76, 5.885, 52.751  76, 5.885, 52.751

 100, 5.885, 52.751  66, 5.885, 52.751

 96, 5.885, 52.751  56, 5.885, 52.751

 46, 5.885, 52.751

 36, 5.885, 52.751

 26, 5.885, 52.751

 16, 5.885, 52.751

 6, 5.885, 52.751

 0, 5.885, 52.751

 76, 5.885, 52.751  76, 5.885, 52.751

72, 12.467, 52.149

80, 0.241, 235.621

68, 19.553, 51.560

84, 5.957, 234.401

64, 27.175, 51.050

88, 11.311,
235.123

61, 35.346, 50.640

92, 15.577,
230.878

57, 44.028, 50.334

54, 53.085, 50.102

96, 17.948,
202.342

51, 62.175, 49.832

96, 18.746,
198.267

49, 70.541, 49.231

46, 77.306, 48.080

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76, 5.885, 52.751



77, 5.601, 234.411

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 5.885, 52.751



76, 5.885, 102.751



76, 5.885, 232.751



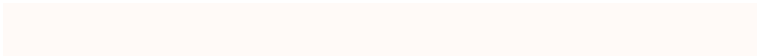
76, 5.885, 282.751

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



76, 5.885, 52.774



99, 2.203, 53.052



75, 10.089, 334.905



52, 1.676, 53.051



0, 0.000, 0.000



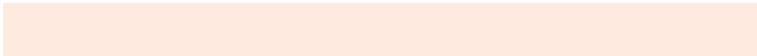
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 5.885, 52.774



94, 9.123, 52.614



78, 8.213, 99.303



40, 3.488, 52.787



38, 66.896, 48.542



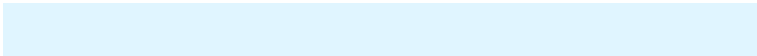
6, 13.480, 39.202

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



77, 5.601, 234.411



95, 8.556, 234.635



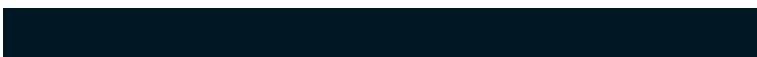
74, 8.309, 281.564



40, 3.324, 234.393



44, 35.821, 258.514



7, 11.504, 247.473

Previews

White Background



This preview shows how the CIELCh color 76, 5.885, 52.751 looks on a white background.

Color Contrast Check

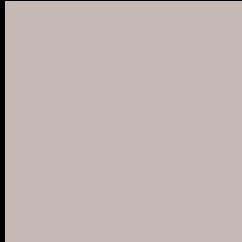
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 76, 5.885, 52.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

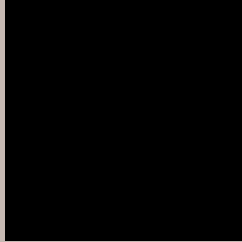
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

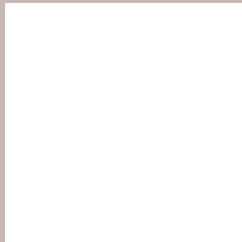
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 5.885, 52.751

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.885, 52.751.



This preview shows how white text looks on a background with the CIELCh color 76, 5.885, 52.751.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


76, 5.885, 52.751

Protanopia

76, 4.185, 83.022

Deuteranopia

76, 10.339, 23.169



Tritanopia
76, 10.485, 329.904

Trichromacy



Original Color
76, 5.885, 52.751

Protanomaly
76, 4.399, 66.438

Deuteranomaly
76, 8.454, 27.293

Tritanomaly
76, 7.070, 347.804

Monochromacy



Original Color
76, 5.885, 52.751

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.141, 49.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 5.885, 52.751 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(198, 185, 179)` looks like.

```
.text, #text, p{  
    color:rgb(198, 185, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(198, 185, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 185, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.885, 52.751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 185, 179) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(198, 185, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(198, 185, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 185, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 185, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 185,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.885, 52.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 185, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(198,  
185, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor